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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/646,452

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Mahesh Chellappa

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EXAMINER

SHAND, ROBERTA A

ART UNIT

PAPER NUMBER

2616

MAIL DATE

DELIVERY MODE

11/14/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/646,452	Applicant(s) CHELLAPPA ET AL.	
	Examiner Roberta A. Shand	Art Unit 2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 August 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-25 are rejected under 35 U.S.C. 102(e) as being anticipated by Dykeman (U.S. 7177951 B1).

3. Regarding claim 1, Dykeman teaches (fig.4) a method for crankback handling in a multi-peer group network, comprising: receiving a first connection request from a node of a first peer group (col. 10, line 39 – 47); detecting a call failure within a second peer group (col. 10, lines 48-50); transmitting a crankback from the second peer group to the first peer group (col. 10, lines 50=59), wherein the crankback specifies a blocked interface (Node AA Blocked) at a first link between the first peer group and the second peer group, the crankback transmitted from a node of the second peer group; and receiving a second connection request from the node of the first peer group, the second connection request using a second link to the second peer group that avoids the call failure (col. 10, line 60 – col. 11, line 4).

4. Regarding claims 2, 10 and 19, Dykeman teaches (fig.5) the first peer group is a preceding peer group and the second peer group is a succeeding peer group.

5. Regarding claims 3, 11 and 20, Dykeman teaches (fig.5) the node of the second peer group is an entry border node configured to receive connection requests for the second peer group.

6. Regarding claims 4, 12 and 21, Dykeman teaches (col. 10, lines 50-59) the blocked interface is specified between an originating node in the first peer group and an entry border node in the second peer group.

7. Regarding claims 5, 13 and 22, Dykeman teaches (col. 10, lines 50-59) the blocked interface causes the originating node to use an alternate exit border node within the first peer group to implement the second link to the second peer group.

8. Regarding claims 6, 14 and 23, Dykeman teaches (abstract and col. 1, lines 13-29) the network is an ATM network.

9. Regarding claims 7, 15 and 24, Dykeman teaches (col. 10, lines 30-34) the node of the second peer group is configured to use a DTL to discover the first connection request was transmitted from the first peer group.

10. Regarding claims 8, 17 and 25, Dykeman teaches (col. 10, lines 60-67) transmitting a list (topology database) from the node in the second peer group to the node in the first peer group,

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the list specifying nodes in the first peer group that have connectivity with the node in the second peer group; and using the information in list to transmit the second connection request to ensure the second link avoids the call failure.

11. Regarding claim 9, Dykeman teaches (fig.4) a packet switch for crankback handling in a multi-peer group network comprising: means for receiving a first connection request from a node of a first peer group (col. 10, lines 39-47); means for detecting a call failure within a second peer group (col. 10, lines 48-50); means for transmitting a crankback from the second peer group to the first peer group (col. 10, lines 50-59), wherein the crankback specifies a blocked interface (Node AA Blocked) at a first link between the first peer group and the second peer group, the crankback causing a second connection request from the node of the first peer group, the second connection request using a second link to the second peer group that avoids the call failure (col. 11, line 60 – col. 11, line 5).

12. Regarding claim 16, Dykeman teaches (abstract) the packet switch is compatible with a version of a PNNI standard.

13. Regarding claim 18, Dykeman teaches (fig.4) a computer readable media having computer readable code which when executed by a packet switch cause the packet switch to implement a method for crankback handling in a multi-peer group network, comprising: receiving a first connection request from a node of a first peer group (col. 10, lines 39-47); detecting a call failure within a second peer group (col. 10, lines 47-50); transmitting a

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crankback from the second peer group to the first peer group (col. 10, lines 50-59), wherein the crankback specifies a blocked interface (Node AA Blocked) at a first link between the first peer group and the second peer group, the crankback transmitted from a node of the second peer group; and receiving a second connection request from the node of the first peer group, the second connection request using a second link to the second peer 25 group that avoids the call failure (col. 10, line 60 – col. 11, line 4).

Conclusion

14. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Roberta A. Shand whose telephone number is 571-272-3161. The examiner can normally be reached on M-F 9:00am-5:30pm.

15. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu can be reached on 571-272-3155. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300

16. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR

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system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Roberta A Shand
Examiner
Art Unit 2616



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